

## **ABSTRACT OF THE DISCLOSURE**

A temperature sensor temperature sensing tube comprised of a head section having an outer conoidal hem formed along the circumference at its lower extent, a neck section formed at the center, a passage disposed in the neck section, and a  
5 tube member having a hollow interior section that is contiguous with the passage and an aperture in its bottom section. The head section and the tube member are forged from a tubular blank into a one-piece, entirely unitary structural component, with the head section outer conoidal hem and neck section formed as extensions of the tube member.